

Project Name:	Department of Energy BMIS-FM
Project Number:	BMIS- Phoenix Project Phase I
DOE Proj Mgr:	Michael Fraser
IBM Proj Mgr:	Don A. Cox, PMP

## Risk Analysis Report

Date:	7/31/01	Document ID:	ENG 021/Risk ID 067
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**Describe the risk event or factor that has been identified:** The scope of the development effort, i.e. the number and complexity of interfaces, conversions, and custom reports, is not defined.

- **Interfaces:** The portfolio of existing legacy interfaces is known (the count is well in excess of 100), however at this point in time the interfaces required for the Oracle system (and therefore included within the scope of the project) have not been finalized. The initial project scope included 17 interfaces.
- **Data Conversions:** Data conversions (from legacy systems to Oracle) have not yet been assessed. The initial scope of the project includes only the transfer of beginning balances.
- **Reports:** The initial scope of the project includes no custom report development, the assumption being that Oracle standard reports and reporting tools would meet the needs of the users.

**Describe possible outcomes that have been identified:**

- Because the development of custom interfaces, conversions, and reports is labor intensive, the addition of even a few of these tasks could significantly impact project cost and schedule.
- Significant increases in custom development would dramatically increase the time required to test the system and the risk of post implementation quality issues.
- The exposure of this risk event is further increased by the uncertainty in FY2002 funding, as described in Risk ID 65.

Risk Symptom or Trigger	Event Horizon (expected timing if known)
DOE determines that more than 17 interfaces are required	9/01 through 12/01
DOE determines that conversions will need to include historical transaction data	9/01 through 12/01
DOE determines that custom reports will be required	9/01 through 12/01

**Quantification of Impact:** Dependent on volume and complexity of custom interfaces, conversions, and reports. The inability to quantify the impact best describes this risk.

**Type of Impact:**

Scope: <input checked="" type="checkbox"/>	Schedule: <input checked="" type="checkbox"/>	Budget: <input checked="" type="checkbox"/>	Quality: <input checked="" type="checkbox"/>
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**Classified As:**

Opportunity to Pursue: <input type="checkbox"/>	Threat to Respond To: <input checked="" type="checkbox"/>
Opportunity to Ignore: <input type="checkbox"/>	Threat to Accept: <input type="checkbox"/>

**Response/Mitigation Strategy and Comments:** The Department is prepared to order custom reports as a contract option for the first release of the BMIS Phoenix solution. For planning purposes this order is assumed to be for up to 10 medium complexity reports. As reporting needs are defined priorities will be set to determine which are needed prior to implementation vs. those that can be deferred to post-implementation. In addition DOE plans to build in-house capacity for report design and preparation, query capability, and data warehouse extensions.

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**Risk Identification and Evaluation Review and Sign-off:**

<b>DOE Project Manager:</b>		<input type="checkbox"/> Approved as is <input type="checkbox"/> Approved pending noted changes <input type="checkbox"/> Not Approved
_____	_____	
Signature	Date	

<b>Team IBM Project Manager:</b>		<input type="checkbox"/> Approved as is <input type="checkbox"/> Approved pending noted changes <input type="checkbox"/> Not Approved
_____	_____	
Signature	Date	

